

CLAIMS

We claim:

1. A concrete-dispensing counter for a ready mix truck comprising:
 - a prime mover having a drum being rotatably mounted thereupon and also having a discharge chute through which cement is dispensed from said drum;
 - a light emitting/reflecting assembly being mounted to said prime mover and including a plurality of light reflectors being spacedly attached about an exterior of said drum opposite to said discharge chute and also including a light-emitting member and a light-detecting member being mounted to said prime mover;
 - a microprocessor being connected to said light-emitting and said light-detecting members;
 - a concrete-dispensing sensor being attached to said discharge chute and to said light emitting/reflecting assembly and said microprocessor for actuating said light emitting/reflecting assembly and said microprocessor; and
 - a display counter being mounted upon the prime mover and being connected to the microprocessor for counting quarter turns of the drum.
2. A concrete-dispensing counter for a ready mix truck as described in claim 1, said microprocessor includes a housing, said light-emitting and light-detecting members being disposed in said housing and being directed toward said light reflectors.

3. A concrete-dispensing counter for a ready mix truck as described in claim 2, wherein said light-detecting member is a photo-sensor.

4. A concrete-dispensing counter for a ready mix truck as described in claim 3, wherein said housing is mounted upon a casing disposed about a motor which drives said drum.

5. A concrete-dispensing counter for a ready mix truck comprising:

a prime mover having a drum being rotatably mounted thereupon and also having a discharge chute through which cement is dispensed from said drum;

a light emitting/reflecting assembly being mounted to said prime mover and including a plurality of light reflectors being spacedly attached about an exterior of said drum opposite to said discharge chute and also including a light-emitting member and a light-detecting member being mounted to said prime mover;

a microprocessor being connected to said light-emitting and said light-detecting members, said microprocessor including a housing, said light-emitting and light-detecting members being disposed in said housing and being directed toward said light reflectors, said light-detecting member being a photo-sensor, said housing being mounted upon a casing disposed about a motor which drives said drum;

a concrete-dispensing sensor being attached to said discharge chute and to said light emitting/reflecting assembly and said microprocessor for actuating said light emitting/reflecting assembly and said microprocessor; and

a display counter being mounted upon the prime mover and being connected to the microprocessor for counting quarter turns of the drum.

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